

JUN 30 1982

ONNELL DOUGLAS

CORPORATION

U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS
MATERIAL SAFETY DATA SHEETFORM NO. OSHA-20 (MODIFIED)
MAY 1971

MDC CONTROL NO. _____

JPM 1453

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

FACTURER'S NAME

Amchem Products, Inc.

EMERGENCY TELEPHONE NO.
(215) 628-1230

ESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)

Brookside Avenue; Ambler, PA 19002

CAL NAME AND SYNONYMS

TRADE NAME AND SYNONYMS
Alodine 1200

CAL FAMILY

FORMULA

SECTION II: HAZARDOUS INGREDIENTS*

ENTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
ENTS			BASE METAL		
ALYST			ALLOYS		
CLE			METALLIC COATINGS		
VENTS			FILLER METAL PLUS COATING OR CORE FLUX		
TIVES			OTHERS		
ERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)
Chromic Acid				25-35	
Potassium Ferricyanide				15-25	
Sodium Fluoborate				35-45	
Potassium Fluozirconate				10-15	

SECTION III: PHYSICAL DATA

ELING POINT (°F)	N/A	SPECIFIC GRAVITY (H ₂ O = 1)	N/A
OR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
OR DENSITY (AIR = 1)		EVAPORATION RATE (_____ = 1)	
UBILITY IN WATER	Appreciable		

PEARANCE AND ODOR

Dark orange powder; slight acidic odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

ASH POINT (METHOD USED)	FLAMMABLE LIMITS	LeI	UeI
None			
TINGUISHING MEDIA			
Water			
ECIAL FIRE FIGHTING PROCEDURES			
None			

USUAL FIRE AND EXPLOSION HAZARDS Do not allow powder to come in contact with organic materials
such as sawdust, rags, paper, etc.*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

BOE-C6-0203670

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

Will ulcerate mucous membranes if swallowed or inhaled. May irritate and burn eyes or skin if spilled.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion: Drink milk of magnesia, aluminum hydroxide gel, or limewater followed by several glasses of water.

Eyes: Flush immediately with copious amounts of water for at least 15 minutes. Call a doctor.

Skin: Wash with soap and water and rinse thoroughly.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (MATERIALS TO AVOID)

organic materials

HAZARDOUS DECOMPOSITION PRODUCTS

hydrogen fluoride

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Transfer unspilled material to a clean polyethylene container. Treat spilled material with dilute solution of sodium metabisulfite to reduce chrome. Adjust pH to 7-8 with lime and flush to treatment plant with plenty of water.

WASTE DISPOSAL METHOD

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Filter type dust, fume or mist respirator. NIOSH approved

VENTILATION	LOCAL EXHAUST	SPECIAL
	X	
	MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
Rubber	Safety goggles and face shields

OTHER PROTECTIVE EQUIPMENT
Rubber aprons

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool place away from organic material. Keep container closed.

OTHER PRECAUTIONS

Hugh Gehman
PREPARED BY

June 23, 1982
DATE

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